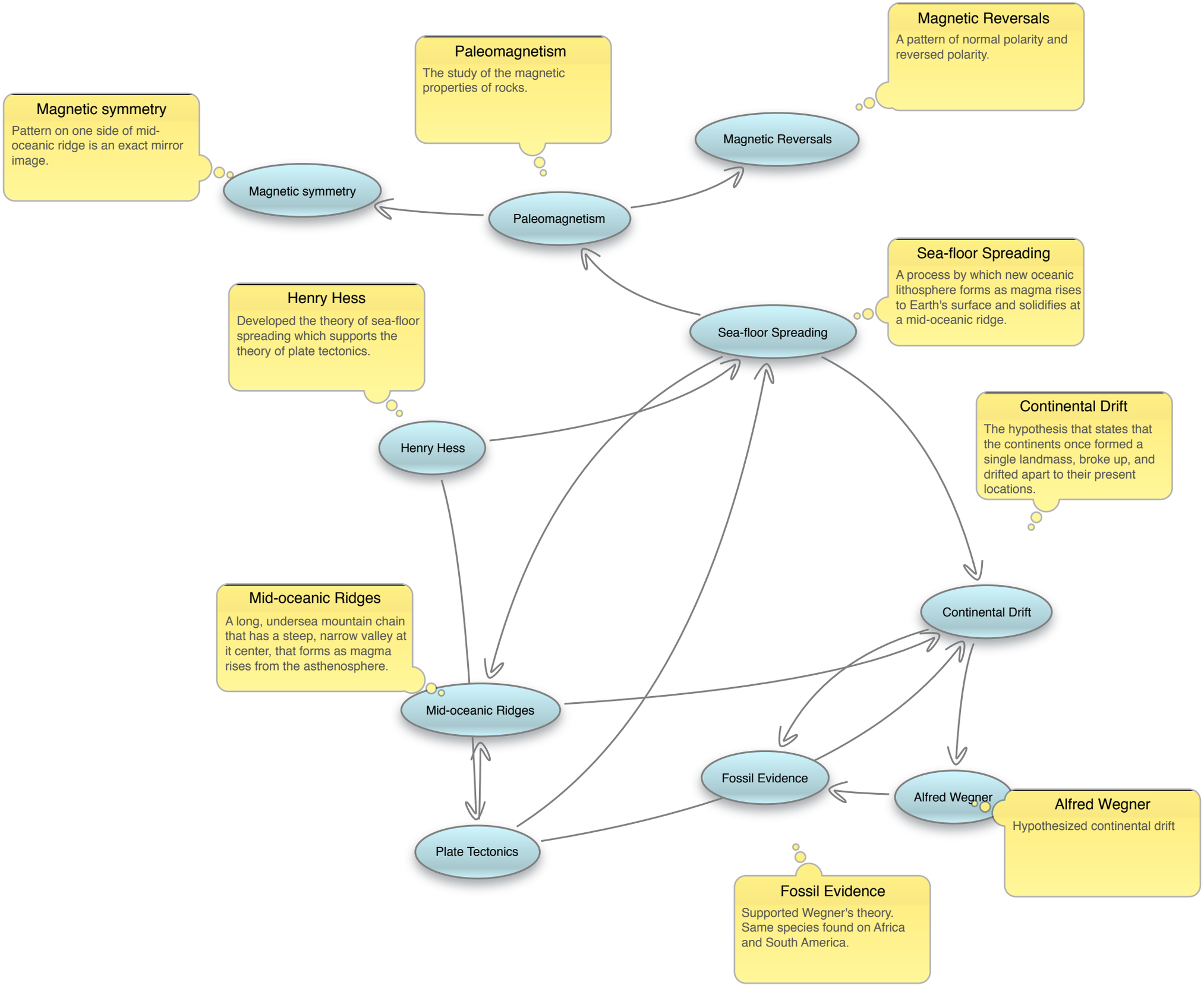
Magnetic Reversals
A pattern of normal polarity and reversed polarity.
Paleomagnetism
The study of the magnetic properties of rocks.
Magnetic symmetry
Pattern on one side of mid-oceanic ridge is an exact mirror image.
Magnetic Reversals
Magnetic symmetry
Paleomagnetism
Sea-floor Spreading
A process by which new oceanic lithosphere forms as magma rises to Earth's surface and solidifies at a mid-oceanic ridge.
Henry Hess
Developed the theory of sea-floor spreading which supports the theory of plate tectonics.
Sea-floor Spreading
Continental Drift
The hypothesis that states that the continents once formed a single landmass, broke up, and drifted apart to their present locations.
Henry Hess
Mid-oceanic Ridges
A long, undersea mountain chain that has a steep, narrow valley at it center, that forms as magma rises from the asthenosphere.
Continental Drift
Mid-oceanic Ridges
Fossil Evidence
Alfred Wegner
Alfred Wegner
Hypothesized continental drift
Plate Tectonics
Fossil Evidence
Supported Wegner's theory. Same species found on Africa and South America.